Work Order ID 102016 *102016* Page 1 May-22-13 1:29:12 PM Item ID: D2161-205 Accept *N900040100* Setup Start **Revision ID:** Item Name: Mirror Bracket, 205 **Start Date:** 5/22/13 Start Qty: 4.00 *4* Cust Item ID: Required Date: 6/05/13 Reg'd Oty: 4.00 **Customer:** Reference: Run Start Process Plan: MC5 Date: 13-05-22 Tooling: Approvals: Date: Stop ______ Date: _____ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Code **Qty** Qty Stamp Number **Draw Nbr Revision Nbr** D2161 Rev B2 100 0.00 Large Fab *100* 1309-12 Large Fab Memo Large Fab 1-Assemble on Jig DT8065 as per Dwg D2161 2-Weld as per Dwg D2161 Identify as D2161-205 m126048 110 QC9- Inspect visual per QSI004- Fusion Welds *110* QC 0.00 Memo Quality Control 120 QC5- Inspect part completeness to step on W/O 0.00 *120* QC 0.00 Memo Quality Control

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	DISPOSITION AGAINST DEPARTMENT/PROCESS															
Work Order:							DISPUSITION				AGAINST	,CI	PARTIVICIAT	/PROCESS		
Part No. NCR No.						•	Rework Scrap Use-as-is Work Order Update			Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier			Engineering Quality Other
Root	_				Des	crir	otion of work order update	nitial Action				Sign &				
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		Bending Centre Not Concentric to O/S Cracks					Bend BOM/Route Broken/Damaged		Grain Hardwa Inspect	re on Incomplete		Ovalized Over/Under Part Incorre			Pressure/Forced Temperature/Cure Weld	
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		Cuffs					Contamination .		Mainte	enance			Part Moved			
		Heat Trea	it				Countersink		Mislabe	eled			Positioned V	-	_	,
		Inspection	n Strip in	Tube			Cut Too Short		Misread	. .			Power Loss/	Power Loss/Surge Other		
		Ripples in	Bend				Drill Holes		Offset							
		Torque W	aves in E	xtrusio	n `		Drawing		Out of 0	Calibration						
		Turning S	equence			Г	Finish		Out of 9	Sequence						

Outside Dimensions

Wave/Twist in Tube

Folio

Packaging

Wո	rk ()rder	ID :	102016
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102016

Page 2

May-22-13 1:29:12 PM Item ID: D2161-205 Accept *N900040100* Setup Start **Revision ID:** Item Name: Mirror Bracket, 205 **Start Date:** 5/22/13 Start Oty: 4.00 **Cust Item ID:** Required Date: 6/05/13 Req'd Qty: 4.00 **Customer:** Reference: Run Process Plan: ____ **Approvals:** Date: ____ Tooling: Date: Date:_____ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description **Run Hours** Code Qty Qty Number Stamp 130 Black Sandtex(Ref:4.3.5.7) per OSI005 4.3 0.00 *130* 1.1715/09/18 d glistodis Powdercoat Powder Coating OVEN TEMPERATURE: FINISH TIME: 140 QC3- Inspect Part Finish 0.00 *140* QC 0.00 Memo Quality Control 150 Identify as per dwg & Stock Location: 0.00 PPP104397 (4x) *150* Packaging 0.00 Memo

										D(QA:_	Date	:	
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Work Order: DISPOSITION AGAINST DEPARTMENT/PROCESS														
								Crosstube	7		Water Jet	Engineering	\neg I	
Part N	0.				Scrap	┦	1	Machining	Small Fab	1	Prod	l. Eng. Coor.	Quality	기
					Use-as-is	┦ ┃		noforming	Finishing	Rec/Store/Packaging			Other	
NCR No.			Work Order Update	┪┃		Large Fab	Composite	Supplier			-	7		
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Root				Descr	cription of work order update	1	nitial	Act	tion	Sign 8	<u> </u>			
Cause	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	ription	Date	2	Verification	QC Inspecto	or
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1	Bending			<u> </u>	Bend		Grain			Ovalized		<u> </u>	Pressure/Forced	
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	Cracks			L	Broken/Damaged	-	Inspect	Part Inco		<u> </u>	Weld			
	Crushed/Crimped				Burrs		Instruct	ions Incomplete/l	Inclear Part Lost,		Lost/Missing		Wrong Stock Pul	led

Maintenance

Out of Calibration
Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Contamination Countersink

Cut Too Short

Drill Holes

Drawing

Finish Folio Part Moved

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Quality Control

Work Order ID 102016

102016

Page 3

May-22-13 1:29:12 PM Item ID: D2161-205 Accept *N900040100* Setup Start **Revision ID:** Item Name: Mirror Bracket. 205 **Start Date:** 5/22/13 Start Qty: 4.00 *4* **Cust Item ID:** Required Date: 6/05/13 Req'd Oty: 4.00 **Customer:** Reference: Run Start Approvals: Process Plan: Date: Tooling: Date: OC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Code Qty Qty Number Stamp 160 QC21- Final Inspection - Work Order Release 0.00 *160* QC 0.00 Memo

of Board

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Nork Orde	er:					١	DISPOSITION			AGAINST DEPARTMENT/PROCESS							
Part No.							Rework Scrap Use-as-is			Skid-tube Crosstube Machining Small Fab Thermoforming Finishing			Water Jet Prod. Eng. Coor. Rec/Store/Packaging			Engineering Quality Other	
NCR N	۱о.					١	Work Order Update			Large Fab	Composit		Supplier				
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	<u> </u>	Ripples in			<u> </u>	\dashv	Drill Holes	\vdash	Offset	- 111 · ·							
	<u> </u>	Torque W			n		Drawing		4	Calibration					—		
		Turning So	equence		L		Finish		JOut of S	Sequence							

Outside Dimensions

Wave/Twist in Tube

Folio

Picklist Print

May-22-13 1:29:16 PM

Work Order ID: 102016

Parent Item:

D2161-205

Parent Item Name: Mirror Bracket, 205

102016

D2161-205

Start Date: 5/22/13

Required Date: 6/05/13

Start Otv: 4.00

Required Otv: 4.00

Comments:	IPP Rev:A New	Issue 05-11-01	JLN	1					start Qty: 4 .00	,	Require	a Qty: 4.0)O
Component Item ID/ Item Name	Replacement Item ID	Mfg/	Bin Item	Primary	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2013-1 *D2013-1 *D2013-1 Mirror Bracket LH, 205	*	Manufactured	No			100	Each	4.0000	**	4		ne	13.09.12
Same States Str, 200	B10201	18 x 4		<u>Location</u> WA001		<u>Loc (</u>	<u>Oty</u> 4	Loc Code	_		_		
D2018-2 *D2013-2 Mirror Bracket RH, 205	*	Manufactured	No		90571	100	4 Each	4.0000	** (4	- - 7	ne	13.09.12
	3 1020	19 +4	C	Location WA001	90554	<u>Loc (</u>	<u>Dty</u> 4 4	Loc Code			_		
D2037-100 *D2037-100 Arm	ገ1*	Manufactured	No			100	Each	1.0000	**	4	30	l	13.09.12
				Location WA001	95094	<u>Loc (</u>	1 1	Loc Code			-		

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Work Order: DISPOSITION AGAINST DEPARTMENT/PROCESS														
Part No.						Rework Scrap Use-as-is			Skid-tube Crosstube Machining Small Fab Thermoforming Finishing			Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other	
NCR No	o					Work Order Update			Large Fab Composite			Supplier		
Root				Des	crip	tion of work order update	Initial	Ac	tion	Sign &				
Cause	Date	Step	Qty		О	r Non-conformance	Ch	nief Eng Description			Date	Verification	QC Inspector	
occ/Data quip/Tooling Operator Material eetup Other Process supplier Training Unapproved								•		•			•	
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Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence					Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset Out of (on Incomplete ions Incomplete/ nance led I	/Unclear	Ovalized Over/Under Part Incorred Part Lost/M Part Moved Positioned V Power Loss/	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other		
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Outside Dimensions

Wave/Twist in Tube

Folio